FEI | Faith Engineering, Inc.

541 Quantum Rd. NE
Rio Rancho, New Mexico 87124
(505) 243-5494 • FAX (505) 892-1505
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April 23, 2002

Mr. Nolan Bennett
Environmental Health Scientist
Bernalillo County Environmental Health Department
600 Second St. NW, Suite 500
Albuquerque, NM 87102

Sent via e-mail: nbennett@bernco.gov and US Mail

RE: Transmittal of 5th Quarterly Ground Water Sampling Results
305 Isleta SW, The Pit Stop Site; NMED/USTB Facility ID No. 24299001/29986
Contract Control No. 980473
FEI Project No. 98-02-1173-05

Dear Nolan:

Please find included herewith the report for the fifth quarter of ground water sampling and analysis for the subject site. Sampling was conducted on March 25, 2002.

During this quarter, total naphthalene concentrations (which includes mono-methyl napthalenes) above the NMWQCC standard of 30 µg/l were found in one monitoring well. This well, MW-2, was analyzed and the following PNAs were detected respectively: 1-methyl naphthalene (13 µg/l), 2-methyl naphthalene (9.4 µg/l), and naphthalene (21 µg/l). Benzene concentrations have been non-detectable in all of the sites well's since sampling was conducted for the initial site investigation conducted in March and June 1999. Although free product was detected last quarter in MW-1, all monitoring wells were below total BTEX concentration standards this quarter. It should be noted that manganese concentrations above the standard of 0.2 mg/l were found in five (5) of the monitoring wells sampled. Results of the next quarter of ground water monitoring will be provided by 6/30/02.

Please do not hesitate to contact the undersigned if you have any questions or comments regarding this matter.

Respectfully submitted,
FAITH ENGINEERING, INC.

Stuart E. Faith, P.E., C.S. #080
President

cc w/ encls: Ms. Lane Andress – NMED/USTB

FEI FILE NUMBER 98-02-1173-05

FIFTH QUARTERLY SAMPLING REPORT
THE PIT STOP
305 ISLETA BLVD. SW
ALBUQUERQUE, NEW MEXICO
FACILITY #24299001/29986

PREPARED BY:

STUART FAITH, P.E.
FAITH ENGINEERING, INC.
541 QUANTUM RD. NE
RIO RANCHO, NEW MEXICO 87124
(505) 243-5494 • FAX (505) 892-1505

APRIL 23, 2002

PREPARED FOR:

THE BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
AND
THE NEW MEXICO ENVIRONMENT DEPARTMENT
UNDERGROUND STORAGE TANK BUREAU

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FORM 1223
QUARTERLY MONITORING REPORT

Please include the following information:

1. **Site name:** The Pit Stop
2. **Responsible party:** Mr. Nolan Bennett
3. **Responsible party mailing address** *(list contact person if different):*

   Bernalillo County Environmental Health Dept.

   600 2nd Street NW, Suite 500

   Albuquerque, NM 87102
4. **Facility number:** 24299001/29986
5. **Address/legal description:** 305 Isleta Blvd. SW

   Albuquerque, NM
6. **Author/consulting company:** Faith Engineering, Inc.
7. **Date of report:** 04/23/2002
8. **Date of confirmation of release or date USTB was notified of the release:**

   April, 1998

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature:_____

Name: Stuart Faith

Affiliation: Faith Engineering, Inc.

Title: President

Certified Scientist #: 080

Date:_____

I. INTRODUCTION:

I. A. Scope of Work

Faith Engineering, Inc. (FEI) has been retained by the Bernalillo County Environmental Health Department to provide professional environmental services at the Pit Stop site, 305 Isleta SW, Albuquerque, New Mexico (the Site). The location of the Site is shown on Figure 1. This report documents the fifth quarter of ground water sampling conducted at the site on March 25, 2002. This is the first quarterly sampling event under the current Work Plan approved by the NMED/USTB on February 11, 2002. The period covered in this report is from October 2001 to April 2002.

I. B. This quarter's highlights

This sampling event represents the fifth quarter of ground water quality re-examination as outlined in the work plan approval letter dated February 11, 2002. The sampling event provides the sample results with field testing of all 7 ground water monitoring wells.

II. ACTIVITIES PERFORMED DURING THIS QUARTER:

II. A. Brief description of the remediation system and date installed

There is no remediation system installed at this Site.

II. B. Description of activities performed to keep system operating properly

Not Applicable, See II. A.

II. C. Monitoring activities performed

Ground water monitoring and sampling at the Site during this quarter took place on March 25, 2002. This quarter's sampling included the following:

- *ground water elevation measurements in all wells.*
- *ground water sampling of monitor wells MW-1, MW-2, MW-3, MW-3D, MW-4, MW-5 and MW-6.*
- *laboratory analysis of ground water samples from all wells for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Methyl-t-Butyl Ether (MTBE), TMB, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC), Naphthalene, and selected mono-methyl naphthalenes by an expanded EPA Method 8260, and for dissolved lead, manganese and iron by EPA Method 6010B using a 0.45 micron disposable filter and nitric acid treated plastic bottles. Samples were also collected from monitoring wells MW-1 and MW-3 for SVOCs by EPA Method 8270 SIMS.*
- *field testing for natural attenuation indicator parameters phosphate, sulfide, alkalinity, pH, dissolved oxygen, conductivity, temperature and nitrate were analyzed and measured in the field using the appropriate field test kits and equipment.*

The locations of all monitor wells are shown on Figure 1. Monitoring and sampling procedures are described in Appendix 1. Table 4 provides a historical summary of field activities at the site and Appendix 2 contains this quarter's original Field Activity Logs. The laboratory results of the ground water analyses for the current monitoring period are shown on Table 1. Historic sampling results are shown on Table 2. Laboratory reports and the Chain of Custody Form are provided in Appendix 3.

During this quarter, total naphthalene concentrations (which includes mono-methyl naphthalenes) above the NMWQCC standard of 30 µg/l were found in one monitoring well. This well, MW-2, was analyzed and the following PNAs were detected respectively: 1-methyl naphthalene (13 µg/l), 2-methyl naphthalene (9.4 µg/l), and naphthalene (21 µg/l). Benzene concentrations have been non-detectable in all of the sites well's since sampling was conducted for the initial site investigation conducted in March and June 1999. Although free product was detected last quarter in MW-1, all monitoring wells were below total BTEX concentration standards this quarter. It should be noted that manganese concentrations above the standard of 0.2 mg/l were found in five (5) of the monitoring wells sampled. In an effort to more realistically characterize the analytical data generated from the quarterly sampling, FEI has adopted a reporting standard of multi-component compounds like total xylenes (see Appendix 1).

Depth to ground water varied from 11.04 feet below ground surface (bgs) in MW-4 to 11.43 feet bgs in MW-6. All ground water elevation data including the historical data is summarized in Table 3. This quarter's measurements of on-site ground water elevations indicate a slightly defined directional flow in a south-southwesterly orientation. A water elevation summary and directional flow map for the fifth quarter ground water measurements are shown on Figure 2.

II. D. System performance and effectiveness

Not Applicable, See II. A.

II. E. Statement verifying containment of release

Based on ground water sample results from site perimeter monitor wells, and a comparison with the previous sampling results, indications are that ground water contaminants appear to presently be contained on-site near the area of the former USTs. Please refer to Figure 1.

III. SUMMARY AND CONCLUSIONS:

III. A. Discussion of trends or changes noted in analytical results or site conditions

There have not been enough samples collected over time at the site to establish definite trends. However, laboratory results obtained during this fifth quarter sampling event indicate that benzene concentrations in ground water remain undetectable and that the free product previously detected in MW-1 is no longer present. Total xylene concentrations continue to decrease in MW-1, MW-2 and MW-3 since the initial sampling conducted during the Site Investigation on 3/2/99 and 6/10/99 (see Table 2).

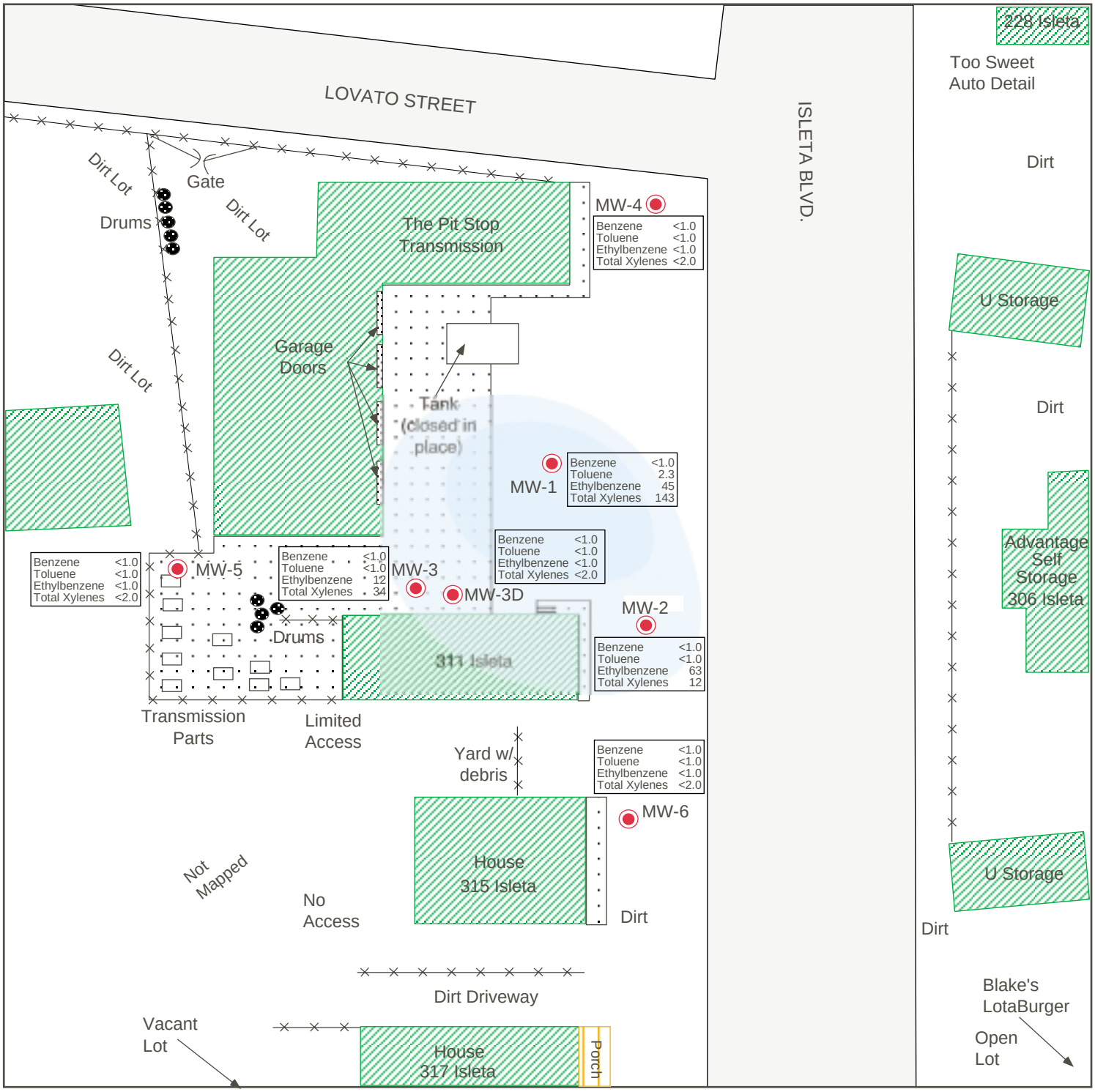
These results would indicate that the contaminant plume is an older, weathered one.

III. B. Ongoing assessment of the remediation system

Not Applicable, See II. A.

III. C. Recommendations

FEI recommends continuing site monitoring and sampling pursuant to the existing work plan approved on 02/11/02, as amended to change the 5th quarterly report submission date. The next quarterly sampling report will be submitted by 06/30/02.



LEGEND

- Monitor Well Location
- Building
- Concrete
- Fence Line
- Trees/Vegetation

BTEX Concentration Levels and Plume

10-100 ppm
100-1000 ppm

Benzene <1.0
Toluene <1.0
Ethylbenzene <1.0
Total Xylenes <2.0

0 15 30ft
Scale

N

Pit Stop Site
305 Isleta SW, Albuquerque, New Mexico

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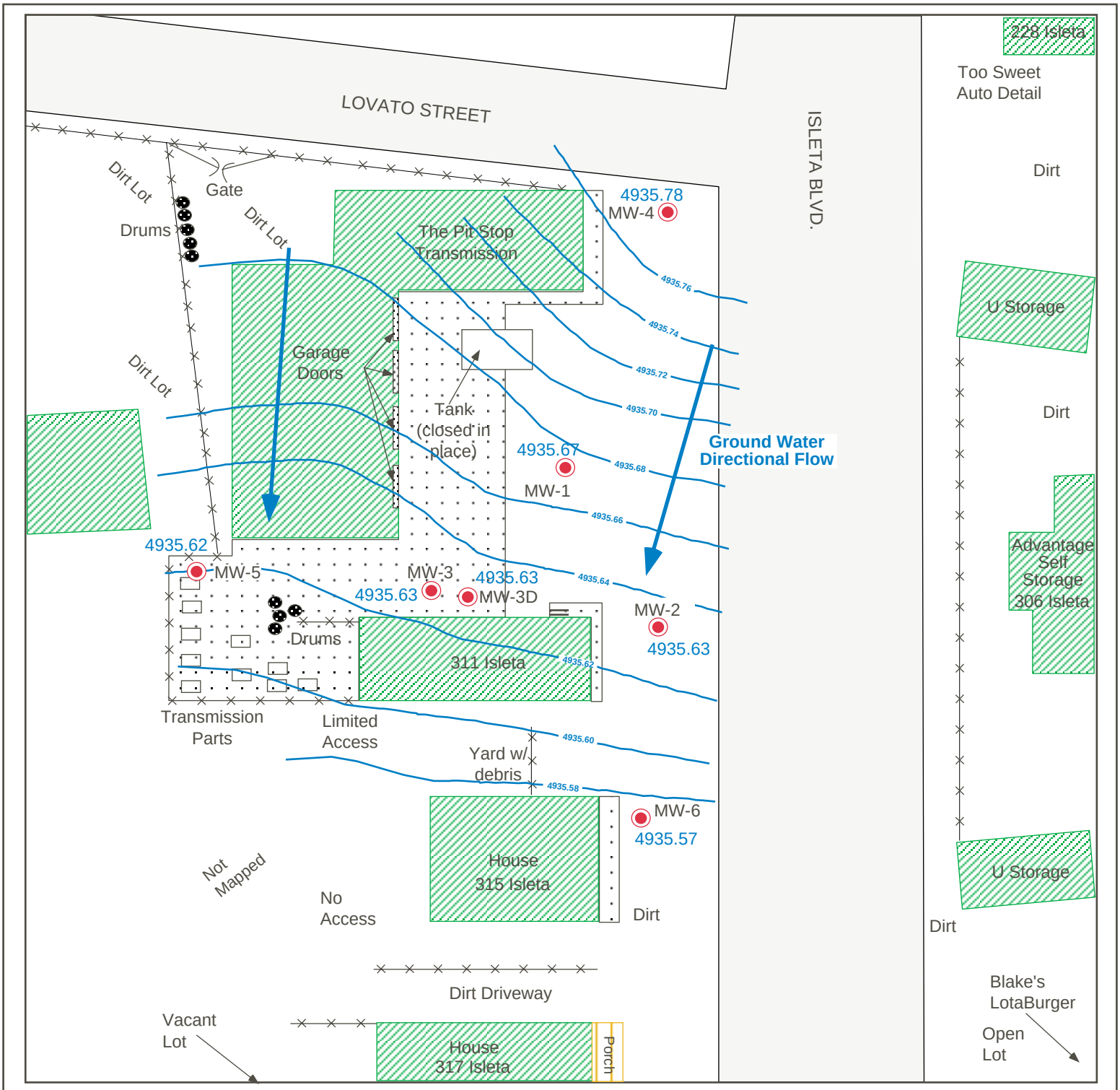
Subject: Site Map and BTEX Concentration Levels

Drawn by: KGF	Client: BCEHD	
Date : April 2002	Figure: 1	Project: 98-02-1173



LEGEND

- Monitor Well Location
- Building
- Concrete
- Fence Line
- Trees/Vegetation
- Ground Water Contour 0.02 ft Intervals
- 4935.98 Ground Water Elevations

0 15 30ft
Scale

N

Pit Stop Site

305 Isleta SW, Albuquerque, New Mexico

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Subject: Ground Water Contour Map		
Drawn by: KGF	Client: BCEHD	
Date : April 2002	Figure: 2	Project: 98-02-1173

TABLE 1
Pit Stop • 305 Isleta
98-02-1173-05 • NMED FACILITY # 29986
CURRENT GROUND WATER ANNALYSIS RESULTS

		ORGANICS											INORGANICS								INDICATORS		
LOCATION	**DATE SAMPLED**	**BENZENE**	**TOLUENE**	**ETHYL BENZENE**	**Total XYLENES**	**MTBE**	**EDB**	**EDC**	**TMB**	**NAPHTHALENE**	**1-METHYL NAPHTHALENE**	**2-METHYL NAPHTHALENE**	**DISSOLVED IRON**	**DISSOLVED MANGANESE**	**DISSOLVED LEAD**	**SULFIDE**	**PHOSPHATE**	**DISSOLVED OXYGEN**	**TOTAL ALKALINITY**	**NITRATE**	**pH**	**CONDUCTIVITY**	**TEMP**
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
STANDARDS		**10**	**750**	**750**	**620**	**100**	**0.1**	**10**		TOTAL: **30**			**1.0**	**0.2**	**50**					**10**			
MW-1	3/25/02	< 1.0	2.3	45	143	< 1.0	< 1.0	< 1.0	56.3	14†	< 0.8†	< 0.8†	0.07	0.195	1.5	1.0	0	1.0	100	0	7.86	700	18.4
MW-2	3/25/02	< 1.0	< 1.0	63	12	< 1.0	< 1.0	< 1.0	3.2	**21**	**13**	**9.4**	0.13	**0.261**	4.1	0	0	1.0	150	0.1	7.58	821	18.1
MW-3	3/25/02	< 1.0	< 1.0	12	34	< 1.0	< 1.0	< 1.0	19.7	1†	< 0.4†	< 0.4†	0.26	**0.212**	< 0.2	0	0	1.0	175	0.1	7.67	991	17.8
MW-3D	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	0.07	**0.222**	< 0.2	0	0	1.0	150	0.2	7.90	859	17.8
MW-4	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	< 0.05	0.168	< 0.2	0	0	2.0	150	0.1	7.85	379	17.9
MW-5	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	< 0.05	**0.218**	< 0.2	0	0	1.0	100	0.1	7.92	495.7	17.5
MW-6	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0	< 0.05	**0.289**	< 0.2	0	0	2.0	150	0.1	7.73	801	19.5
RINSATE	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0											

Bold - Above Action Limits
† - 8270 SIMS Data

Data checked _____ / _____

Faith Engineering, Inc
4/23/02

TABLE 2a
Pit Stop • 305 Isleta
98-02-1173-05 • NMED FACILITY # 29986
HISTORY OF GROUND WATER TESTING - Organics

LOCATION	DATE SAMPLED	ORGANICS										
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	MTBE	EDB	EDC	TMB	NAPHTHALENE	1-METHYL NAPHTHALENE	2-METHYL NAPHTHALENE
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
STANDARDS		10	750	750	620	100	0.1	10		TOTAL: 30		
MW - 1	3/2/99	Not Sampled - PSH sheen										
	9/14/00	< 5.0	13	230	**1060**	< 5.0	< 5.0	< 5.0	550	**110**	*	*
	1/26/01	< 5.0	28	320	**1250**	< 5.0	< 5.0	< 5.0	441	**120**	**38**	**49**
	4/27/01	< 5.0	9.2	110	410	< 5.0	< 5.0	< 5.0	113	**35**	**28**	**< 25**
	9/5/01	Not Sampled - 0.2 feet of product in well.										
	3/25/02	< 1.0	2.3	45	143	< 1.0	< 1.0	< 1.0	56.3	14†	< 0.8†	< 0.8†
MW - 2	3/2/99	< 1.0	4	310	131	< 1.0	*	< 1.0	*	17.9	*	*
	9/14/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	51.6	**80**	*	*
	1/26/01	< 1.0	1.8	160	< 51	< 1.0	< 1.0	< 1.0	29	**56**	**20**	**25**
	4/27/01	< 1.0	1.8	150	58	< 1.0	< 1.0	< 1.0	33.8	**53**	**8.0**	**11**
	9/5/01	Not Sampled - Parked Car on Well.										
	3/25/02	< 1.0	< 1.0	63	12	< 1.0	< 1.0	< 1.0	3.2	**21**	**13**	**9.4**
MW - 3	3/2/99	< 5.0	26	390	**1570**	< 5.0	< 0.01	< 5.0	*	**43.8**	*	*
	9/14/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	23	*	*
	1/26/01	< 1.0	1.3	57	83	< 1.0	< 1.0	< 1.0	90.5	**26**	**10**	**8.4**
	4/27/01	< 1.0	< 1.0	35	49	< 1.0	< 1.0	< 1.0	41.3	**18**	**9.3**	**6.3**
	9/5/01	< 1.0	< 1.0	17	24	< 1.0	< 1.0	< 1.0	27.5	11	< 5.0	< 5.0
	3/25/02	< 1.0	< 1.0	12	34	< 1.0	< 1.0	< 1.0	19.7	1†	< 0.4†	< 0.4†
MW - 3D	6/10/99	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 0.01	< 1.0	18.6	< 1.0	*	*
	9/14/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*
	1/26/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	4/27/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	9/5/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0

TABLE 2a
Pit Stop • 305 Isleta
98-02-1173-05 • NMED FACILITY # 29986
HISTORY OF GROUND WATER TESTING - Organics

		ORGANICS										
LOCATION	**DATE SAMPLED**	**BENZENE**	**TOLUENE**	**ETHYL BENZENE**	**TOTAL XYLENES**	**MTBE**	**EDB**	**EDC**	**TMB**	**NAPHTHALENE**	**1-METHYL NAPHTHALENE**	**2-METHYL NAPHTHALENE**
UNITS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
STANDARDS		**10**	**750**	**750**	**620**	**100**	**0.1**	**10**		TOTAL: **30**		
MW - 4	3/2/99	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	< 1.0	*	< 0.1	*	*
	9/14/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*
	1/26/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	4/27/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	9/5/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
MW - 5	6/10/99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.01	< 1.0	< 1.0	< 1.0	*	*
	9/13/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*
	1/26/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	4/27/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 5.0	< 5.0
	9/5/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
MW - 6	6/10/99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.01	< 1.0	< 1.0	1.0	*	*
	9/14/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	*
	1/26/01	< 1.0	< 1.0	< 1.0	< 2.6	< 1.0	< 1.0	< 1.0	< 2.0	1.8	< 5.0	< 5.0
	4/27/01	< 1.0	< 1.0	2.3	< 3.0	< 1.0	< 1.0	< 1.0	< 2.0	2.4	7.7	7.0
	9/5/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
	3/25/02	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0

* - Not Sampled/Not Tested
† - 8270 SIMS Data
Bold - Above Action Limits

Data checked _____ / _____

TABLE 2b
Pit Stop • 305 Isleta
98-02-1173-05 • NMED FACILITY # 29986
HISTORY OF GROUND WATER TESTING - Inorganics

		INORGANICS										INDICATORS		
LOCATION	**DATE SAMPLED**	**IRON (FIELD)**		**DISSOLVED IRON**	**DISSOLVED MANGANESE**	**DISSOLVED LEAD**	**PHOSPHATE**	**SULFIDE**	**ALKALINITY as CaCO.**	**DISS O2**	**NITRATE**	**pH**	**CONDUCTIVITY**	**TEMP**
UNITS		µg/l		mg/l	mg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l		µmhos/cm	˚C
STANDARDS		SOLUBLE	TOTAL	**1.0**	**0.2**	**50**				FIELD				
MW - 1	9/14/00	0.2	0.2	*	*	*	1.5	0.8	185	0.5	0.6	7.06	941	22.7
	1/26/01	0.2	0.2	*	*	*	1.5	2.5	250	1.0	0.6	6.74	850	16.3
	4/27/01	*	0.4	*	*	*	2.0	7.0	200	1.0	1.0	6.74	757	18.7
	3/25/02	*	*	0.07	0.195	1.5	0	1.0	100	1.0	0	7.86	700	18.4
MW - 2	9/14/00	0.2	0.2	*	*	*	2.0	3.0	270	0.5	1.0	6.72	1045	23.7
	1/26/01	0.3	0.4	*	*	*	1.5	2.0	225	1.0	0.8	6.79	781	16.7
	4/27/01	*	0.2	*	*	*	3.0	12	295	0.5	1.0	6.63	975	18.3
	3/25/02	*	*	0.13	**0.261**	4.1	0	0	150	1.0	0.1	7.58	821	18.1
MW - 3	9/14/00	0.2	0.2	*	*	*	3.0	0.1	195	0.5	0.8	7.28	1012	22.6
	1/26/01	0.1	0.4	*	*	*	2.0	0.1	225	1.0	0.4	6.82	874	15.6
	4/27/01	*	0.2	*	*	*	2.0	0	250	1.0	1.0	6.86	1101	17.7
	9/5/01	*	1.0	*	*	*	3.0	< 1.0	160	0.5	1.0	7.95	980	22.6
	3/25/02	*	*	0.26	**0.212**	< 0.2	0	0	175	1.0	0.1	7.67	991	17.8
MW - 3D	9/14/00	0.1	0.2	*	*	*	1.5	0	195	0.5	1.0	7.13	909	21.5
	1/26/01	0.2	0.4	*	*	*	1.5	0	150	1.5	0.8	6.88	788	15.7
	4/27/01	*	0.1	*	*	*	1.0	0	200	2.0	1.5	6.81	1054	18.1
	9/5/01	*	1.0	*	*	*	3.0	< 1.0	150	0.5	2.3	7.95	864	22.0
	3/25/02	*	*	0.07	**0.222**	< 0.2	0	0	150	1.0	0.2	7.90	859	17.8

TABLE 2b
Pit Stop • 305 Isleta
98-02-1173-05 • NMED FACILITY # 29986
HISTORY OF GROUND WATER TESTING - Inorganics

		INORGANICS										INDICATORS		
LOCATION	**DATE SAMPLED**	**IRON (FIELD)**		**DISSOLVED IRON**	**DISSOLVED MANGANESE**	**DISSOLVED LEAD**	**PHOSPHATE**	**SULFIDE**	**ALKALINITY as CaCO.**	**DISS O2**	**NITRATE**	**pH**	**CONDUCTIVITY**	**TEMP**
UNITS		µg/l		mg/l	mg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l		µmhos/cm	˚C
STANDARDS		SOLUBLE	TOTAL	**1.0**	**0.2**	**50**				FIELD				
MW - 4	9/14/00	0.1	0.3	*	*	*	4.0	0	175	1.0	1.0	6.71	796	22.7
	1/26/01	0.6	1.5	*	*	*	2.0	0	200	2.0	1.0	6.83	706	15.4
	4/27/01	*	0.1	*	*	*	2.0	5.0	125	1.0	1.0	6.85	677	18.0
	9/5/01	*	1.0	*	*	*	4.0	< 1.0	150	0.2	1.5	7.84	685	21.4
	3/25/02	*	*	< 0.05	0.168	< 0.2	0	0	150	2.0	0.1	7.85	379	17.9
MW - 5	9/13/00	0.6	1.5	*	*	*	1.5	0.2	180	1.0	0.6	6.67	643	21.3
	1/26/01	1.5	4.0	*	*	*	1.0	0	200	2.0	1.0	6.68	673	16.6
	4/27/01	*	0.6	*	*	*	2.0	6.0	110	1.5	1.5	6.79	619	17.7
	9/5/01	*	1.5	*	*	*	2.0	< 1.0	120	0.3	1.5	7.85	583	20.5
	3/25/02	*	*	< 0.05	**0.218**	< 0.2	0	0	100	1.0	0.1	7.92	495.7	17.5
MW - 6	9/14/00	0.2	0.6	*	*	*	2.0	0.0	220	0.5	1.0	7.02	1012	22.7
	1/26/01	0.3	1.5	*	*	*	2.0	0.0	195	1.5	1.0	6.91	774	16.9
	4/27/01	*	1.0	*	*	*	4.0	9.0	200	0.5	1.0	6.64	1042	19.1
	9/5/01	*	1.0	*	*	*	3.0	< 1.0	180	0.3	1.0	7.75	1033	22.2
	3/25/02	*	*	< 0.05	**0.289**	< 0.2	0	0	150	2.0	0.1	7.73	801	19.5

* - Not Sampled/Not Tested

† - 8270 SIMS Data

Bold - Above Action Limits

Data checked _____ / _____

TABLE 3
98-02-1173-05 • The Pit Stop • 305 Isleta Blvd. SW
NMED FACILITY #29986
SUMMARY OF GROUND WATER ELEVATION MEASUREMENTS

WELL NUMBER	ELEVATION* (feet above datum)	DATE	STATIC (feet BG)	WATER LEVEL (feet AD)	(+) = RISING (-) = FALLING	DEPTH TO PRODUCT	PRODUCT THICKNESS
MW-1	4946.87	3/2/99	11.23	4935.64	0	11.22	0.01
		9/3/99	11.05	4935.82	0.18	-	-
		9/14/00	11.41	4935.46	-0.36	11.20	0.21
		1/26/01	10.89	4935.98	0.52	10.89	Trace
	4946.84	4/27/01	10.88	4935.99	0.01	-	-
		9/5/01	-	-	-	-	0.20
		3/25/02	11.17	4935.67	-	-	-
MW-2	4946.98	3/2/99	11.41	4935.57	0	-	-
		9/3/99	11.24	4935.74	0.17	-	-
		9/14/00	11.39	4935.59	-0.15	-	-
		1/26/01	11.07	4935.91	0.32	-	-
	4946.98	4/27/01	11.04	4935.94	0.03	-	-
		9/5/01	-	-	-	-	-
		3/25/02	11.35	4935.63	-	-	-
MW-3	4947.02	3/2/99	11.45	4935.57	0	-	-
		9/3/99	11.24	4935.78	0.21	-	-
		9/14/00	11.42	4935.60	-0.18	-	-
		1/26/01	11.04	4935.98	0.38	-	-
	4947.00	4/27/01	11.06	4935.96	-0.02	-	-
		9/5/01	11.42	4935.58	-0.38	-	-
		3/25/02	11.37	4935.63	0.05		
MW-3D	4946.98	6/10/99	11.26	4935.72	0	-	-
		9/3/99	11.21	4935.77	0.05	-	-
		9/14/00	11.38	4935.60	-0.17	-	-
		1/26/01	11.04	4935.94	0.34	-	-
	4946.97	4/27/01	11.02	4935.96	0.02	-	-
		9/5/01	11.39	4935.58	-0.38	-	-
		3/25/02	11.34	4935.63	0.05		
MW-4	4946.82	3/2/99	11.11	4935.71	0	-	-
		9/3/99	10.91	4935.91	0.20	-	-
		9/14/00	11.07	4935.75	-0.16	-	-
		1/26/01	10.76	4936.06	0.31	-	-
	4946.82	4/27/01	10.74	4936.08	0.02	-	-
		9/5/01	11.07	4935.75	0.67	-	-
		3/25/02	11.04	4935.78	0.03	-	-

TABLE 3
98-02-1173-05 • The Pit Stop • 305 Isleta Blvd. SW
NMED FACILITY #29986
SUMMARY OF GROUND WATER ELEVATION MEASUREMENTS

WELL NUMBER	ELEVATION* (feet above datum)	DATE	STATIC (feet BG)	WATER LEVEL (feet AD)	(+) = RISING (-) = FALLING	DEPTH TO PRODUCT	PRODUCT THICKNESS
MW-5	4947.01	6/10/99	11.37	4935.64	0	-	-
		9/3/99	11.25	4935.76	0.12	-	-
		9/13/00	11.46	4935.55	-0.21	-	-
		1/26/01	11.08	4935.93	0.38	-	-
	4947.00	4/27/01	11.07	4935.94	0.01	-	-
		9/5/01	11.45	4935.55	-0.39	-	-
		3/25/02	11.38	4935.62	0.07	-	-
MW-6	4947.01	6/10/99	12.20	4934.81	0	-	-
		9/3/99	11.31	4935.70	0.89	-	-
		9/14/00	11.48	4935.53	-0.17	-	-
		1/26/01	11.07	4935.94	0.41	-	-
	4947.00	4/27/01	11.11	4935.90	-0.04	-	-
		9/5/01	11.49	4935.51	-0.39	-	-
		3/25/02	11.43	4935.57	0.06	-	-

* Survey Data 6/01

Data checked _____ / _____

Table 4
Pit Stop • 305 Isleta
98-02-1173-05 • NMED Facility # 29986
Summary of Tasks Performed in the Field

DATE	FIELD TECH.	DESCRIPTION
2/10/99	BW	Drill MW-1, MW-2, MW-3 and MW-4.
2/11/99	BW	Take soil borings.
3/2/99	KGF	Sampling of MW-1, MW-2, MW-3, MW-4. Obtain GW levels.
5/25/99	BW	Take soil borings. Drill MW-3D.
6/1/99	BW	Drill MW-6.
6/10/99	KGF	Sampling of MW-3D, MW-5, MW-6.
8/6/99	BW	Obtain soil Physical characteristics.
9/3/99	KGF	Obtain all GW levels.
9/13/00 - 9/14/00	KGF, MB	Initial sampling round(1st Qtr)-all existing wells, site survey.
1/26/01	KGF, MB	2nd Quarterly sampling round-all wells.
4/27/01	KGF, MB	3rd Quarterly sampling round-all wells.
9/5/01	SG, PB	4th Quarterly sampling round-wells MW-3, MW-3D, MW-4, MW-5, and MW-6.
3/25/02	MB, KL	5th Quarterly sampling round-all wells.

Data checked _____ / _____

APPENDIX 1

Sampling Protocol

Prior to any sampling, well development or purging, all monitor wells were sounded for depth to ground water. FEI used an electronic sounder with an accuracy of ±0.01/foot. Ground water elevations (from datum) were determined using survey data collected during the Hydrogeologic Investigation.

Prior to any sampling event, a minimum of three (3) well bore volumes were purged from each well using a Grundfos Sampling Pump. Samples were collected in HCl preserved VOAs and placed on ice in a container for delivery to Pinnacle Laboratories, in Albuquerque, New Mexico, for analyses. The ground water samples were analyzed for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Naphthalene, Methyl-t-Butyl Ether (MTBE), TMB, Ethylene Dibromide (EDB) and Ethylene Dichloride (EDC) by EPA Method 8260 with an expanded Naphthalene range (PBMS). Samples were also collected from monitoring wells MW-1 and MW-3 for SVOC's by EPA Method 8270 SIMS. Samples were collected for EPA Method 6010B (dissolved lead, manganese and iron) using a 0.45 micron disposable filter and nitric acid treated plastic bottles. Natural attenuation indicator parameters phosphate, sulfide, alkalinity, pH, dissolved oxygen, conductivity, temperature and nitrate were analyzed and measured in the field using the appropriate field test kits and equipment. All EPA-approved sampling protocols were observed and a chain of custody was maintained on all samples.

In an effort to more realistically characterize the analytical data generated from the quarterly sampling, FEI has adopted a reporting standard of multi-component compounds like total xylenes. Detection limit values in a multi-component compound that are reported as below detection limits and are less than 10 percent of the lowest detectable value will not be added-in as part of the total concentration value. This will eliminate confusion regarding the “less-than” symbols where concentrations have been detected.

APPENDIX 2

Field Notes

APPENDIX 3

Analytical Laboratory Reports